

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Terry Tsai on June 18, 2010

The application has been amended as follows: The underline lines represent the added lines or words, and the lines in the bold brackets represent the deleted lines or words.

Claim 5: A mobile body communication method enabling a programmed computer to carry out mobile body communication, said method comprising the steps of: forming a subnet having an address with a plurality of base station devices, wherein one of the base station devices receives a position registration request signal transmitted from a mobile station device and communicates with a network, and the mobile station device communicates with an other communication device via one of the base station devices and said network; and associating a mobile station device specifying number of the mobile station device and the address of the subnet; storing the mobile station device specifying number of the mobile station device and the address of the subnet being in association with each other upon receiving the position registration request; transmitting a call signal to the broadcast address corresponding to the address

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of said subnet when making a call to the mobile station device, and thereby [transmits] transmitting the signal to the plurality of base station devices[; the method further comprises storing a mobile station device specifying number of the mobile station device and the address of the subnet, and that the mobile station device specifying number and the subnet being in association with each other upon receiving the registration request].

Allowable Subject Matter

2. Claims 1, 3-5, 7 and 8 are allowed.

The following is an examiner's statement of reasons for allowance:

Regarding **claim 1**, Chen et al 7,039,028 discloses a mobile body communication system, comprising: a subnet with a plurality of base station devices and to communicate with a network, and the mobile station device is configured to communicate with an other communication device via one of the base station devices and said network. De Oliveira 6,763,004 however discloses, in a wireless network comprising at least a location area/service area, a simultaneous call means for transmitting a call signal to a broadcast address corresponding to said location area/service area when calling a mobile station device, and thereby transmits the signal to the plurality of base stations. The instant invention discloses storing means for storing a mobile station device specifying number of said mobile station device and an address of the subnet, and that the mobile station device specifying, number and said subnet being in association with each other; and position registering means operating to store said mobile station device specifying number and the address of said subnet

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being in association therewith on said storing means, wherein said simultaneous call means transmits a call signal to the broadcast address corresponding to said address of said subnet stored being in association with said mobile station device specifying number when calling said mobile station device of said mobile station device specifying number. The above novel feature in combination with other limitations of the claim are neither taught, suggested nor made obvious by Chen et al De Oliveira et al or any other prior art of record. Claims 3 and 4 are allowable by virtue of their dependency on claim 1.

Regarding **claim 5**, Chen et al 7,039,028 discloses a mobile body communication method enabling a programmed computer to carry out mobile body communication, said method comprising the steps of: forming a subnet having an address with a plurality of base station devices, wherein one of the base station devices receives a position registration request signal transmitted from a mobile station device and communicates with a network, and the mobile station device communicates with an other communication device via one of the base station devices and said network. De Oliveira 6,763,004 discloses, in a wireless network comprising at least a location area/service area, a simultaneous call means for transmitting a call signal to a broadcast address corresponding to said location area/service area when calling a mobile station device, and thereby transmits the signal to the plurality of base stations. The instant invention discloses transmitting a call signal to the broadcast address corresponding to the address of said subnet when making a call to the mobile station device, and thereby transmits the signal to the plurality of base station devices; transmitting a

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call signal to a broadcast address corresponding to the address of said subnet when making a call to the mobile station device, and thereby transmitting the signal to the plurality of base station devices. The above novel feature in combination with other limitations of the claim are neither taught, suggested nor made obvious by Chen et al De Oliveira et al or any other prior art of record.

Regarding **claim 7**, Chen et al 7,039,028 discloses a mobile body communication system in which a plurality of base station devices are connected to a relay device through an IP network, comprising: subnet forming means for providing each of the base station devices with an IP address such that a subnet is formed with at least one base station device, wherein the relay device comprises: position registering means for receiving a position registration request signal transmitted from a mobile station device via one of the base station devices. The instant invention the storing means storing an address indicating the subnet to which the one of the base station devices belongs, in association with a mobile station device specifying number of the mobile station device included in the position registration request signal; reading means for receiving a call signal to the mobile station device, and for reading the address stored in association with the mobile station device specifying number included in the call signal from the storing means; and simultaneous call means for transmitting the call signal destined for a broadcast address corresponding to the address read by the reading means, and each of the base station devices which receive the call signal destined for the broadcast address, wirelessly transmits the call signal to the mobile station device. The above novel feature in combination with other

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limitations of the claim are neither taught, suggested nor made obvious by Chen et al De Oliveira et al or any other prior art of record.

Regarding **claim 8**, Chen et al 7,039,028 discloses a mobile body communication method for a mobile body communication system in which a plurality of base station devices are connected to a relay device through an IP network, the method comprising: a step of providing each of the base station devices with an IP address such that a subnet is formed with at least one base station device. The instant invention a step in which the relay device receives a position registration request signal transmitted from a mobile station device via one of the base station devices, and makes a storing means store an address indicating the subnet to which the one of the base station devices belongs, in association with a mobile station device specifying number of the mobile station device included in the position registration request signal; a step in which the relay device receives a call signal to the mobile station device, and reads the address stored in association with the mobile station device specifying number included in the call signal from the storing means; a step in which the relay device transmits the call signal destined for a broadcast address corresponding to the read address; and a step in which each of the base station devices which receive the call signal destined for the broadcast address, wirelessly transmits the call signal to the mobile station device. The above novel feature in combination with other limitations of the claim are neither taught, suggested nor made obvious by Chen et al De Oliveira et al or any other prior art of record.

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Madour 7,388,855 discloses a method for discovering a broadcast multicast services controller in a packet data network.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to OLUMIDE T. AJIBADE AKONAI whose telephone number is (571)272-6496. The examiner can normally be reached on M-F, 8.30p-5p.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Appiah can be reached on 571-272-7904. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

OA

/Charles N. Appiah/
Supervisory Patent Examiner, Art Unit 2617